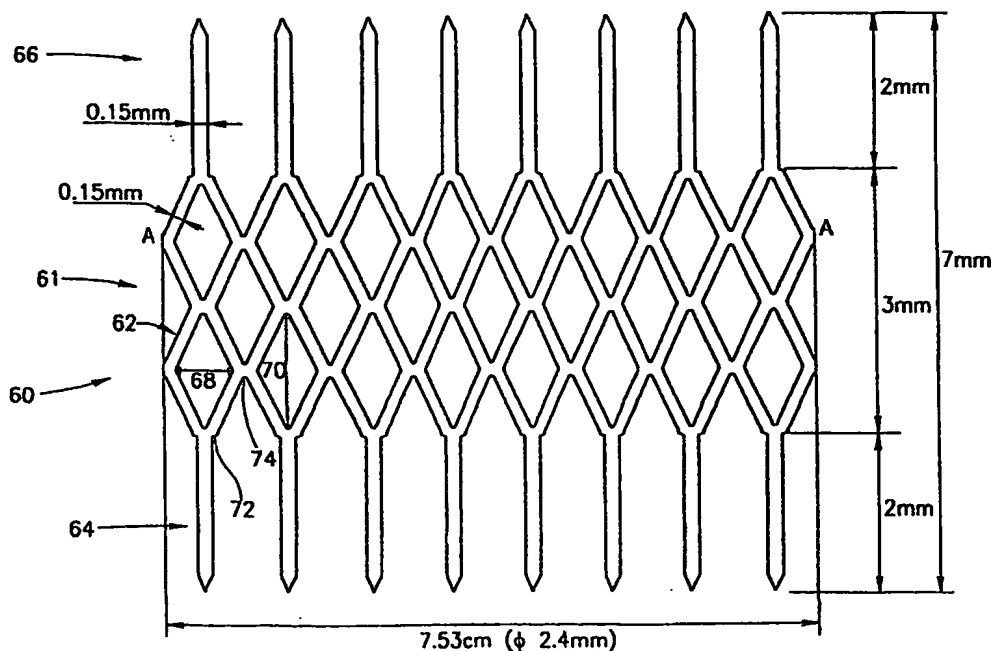


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<p>(21) International Application Number: PCT/IL99/00284</p> <p>(22) International Filing Date: 30 May 1999 (30.05.99)</p> <p>(30) Priority Data:</p> <table border="0"> <tr> <td>124694</td> <td>29 May 1998 (29.05.98)</td> <td>IL</td> </tr> <tr> <td>129067</td> <td>19 March 1999 (19.03.99)</td> <td>IL</td> </tr> </table> <p>(71) Applicant (for all designated States except US): BY-PASS, LTD. [IL/IL]; Hasadnaot Street 3, 46728 Herzelia B (IL).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): DEROWE, Ari [IL/IL]; Moshav Salit, 45885 Hasharon Hatichon (IL). LOSHAKOVE, Amir [IL/IL]; P.O. Box 204, 42860 Moshav Burgeta (IL).</p> <p>(74) Agents: FENSTER, Paul et al.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).</p>		124694	29 May 1998 (29.05.98)	IL	129067	19 March 1999 (19.03.99)	IL	<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published</p> <p><i>With international search report.</i></p> <p><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>
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(54) Title: METHODS AND DEVICES FOR VASCULAR SURGERY



(57) Abstract

An anastomotic connector (60) for attaching two blood vessels, comprising a cylinder-like portion having a lumen, two ends, and an array of cells elements, and a tissue engaging portion (60) comprising at least one set of spikes (64) wherein at least one spike arranged adjacent one of the two ends of said cylinder-like portion. The connector (60) may comprise at least a second set of spikes (66) adjacent the other of the two ends.